

INTERNATIONAL SEARCH REPORT

International Application No

PCT/EP 03/12334

A. CLASSIFICATION OF SUBJECT MATTER

IPC 7 A44C17/00

According to International Patent Classification (IPC) or to both national classification and IPC

B. FIELDS SEARCHED

Minimum documentation searched (classification system followed by classification symbols)
IPC 7 A44C B23K

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched

Electronic data base consulted during the international search (name of data base and, where practical, search terms used)

EPO-Internal , WPI Data

C. DOCUMENTS CONSIDERED TO BE RELEVANT

Category ^c	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
X	US 5 637 244 A (EROKHIN ALEXANDER I) 10 June 1997 (1997-06-10) column 4 , line 56 - column 5 , line 25; claim 1; figures 1,3 -----	1,3-9
X	US 2002/018255 A1 (KIHARA NOBUHIRO) 14 February 2002 (2002-02-14) paragraphs '0007! - 0010!; figures 1,2 -----	2
X	US 5 190 024 A (SENANAYAKE DAYA R) 2 March 1993 (1993-03-02) column 5 , line 6 - line 25 -----	11-13
X	US 5 454 234 A (KARMEI DAVID D) 3 October 1995 (1995-10-03) column 2 , line 3 - line 50; figures 1a, 1b ----- -/-	11-13



Further documents are listed in the continuation of box C.



Patent family members are listed in annex.

^o Special categories of cited documents :

"A" document defining the general state of the art which is not considered to be of particular relevance

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"O" document referring to an oral disclosure, use, exhibition or other means

"P" document published prior to the international filing date but later than the priority date claimed

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Date of the actual completion of the international search

2 July 2004

Date of mailing of the international search report

13/07/2004

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C.(Continuation) DOCUMENTS CONSIDERED TO BE RELEVANT		
Category *	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
X	US 5 072 549 A (JOHNSTON HAROLD) 17 December 1991 (1991-12-17) column 1, line 23 - line 43 column 2, line 13 - line 62 -----	11-13
A	US 6 330 523 B1 (DIMSDALE JERRY ET AL) 11 December 2001 (2001-12-11) column 8, line 7 - column 9, line 17; figures 1,2,1a -----	11-13
A	US 5 552 992 A (HUNTER CHARLES R) 3 September 1996 (1996-09-03) the whole document -----	1

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Information on patent family members

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